4/30/81

SP270-2

EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 4

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

DIVISION OF RESEARCH AND STATISTICS

APRIL 1981

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Explanatory Notes

NONFARM EMPLOYMENT UP 10,800 OVER THE MONTH
UP 20,000 OVER THE YEAR

NONAGRICULTURAL EMPLOYMENT REGAINED SOME OF THE LOSSES EXPERIENCED IN FEBRUARY, RECORDING A RISE OF 10,800 OVER THE MONTH. All major segments of the economy, except government and transportation and public utilities, helped to raise employment to 2,117,500 across Virginia. The reopening of plants after February closings and early preparations for the upcoming tourist season, along with pickups in construction and real estate were the most noticeable ingredients in the upswing in worker totals. Over the year, employment has gained 20,000. All service-producing industries and mining are ahead of 1980 levels of employment. Only in the goods-producing segments of manufacturing and construction has employment remained below last year's worker totals. Year-to-year employment growth has been centered primarily in the areas of services, trade and government.

MANUFACTURING EMPLOYMENT, WHICH HAS MOVED DOWNWARD SINCE LAST NOVEMBER, REVERSED ITS COURSE AND WAS IN THE PLUS COLUMN IN MARCH. Nondurable goods producers registered no over-all change between mid-February and mid-March. Seasonal reductions in food and tobacco, coupled with layoffs in textiles and printing, were counterbalanced by recalls and plant reopenings by chemical makers and apparel manufacturers. The reopening of transportation equipment plants along with stepped-up production in lumber, furniture, stone, clay and glass, primary metals and electrical machinery boosted employment. Since many of these establishments depend on either the construction industry or the auto industry, it is felt that while the economy is sputtering it has not run out of gas. Capital outlays and inventories have been restrained by high rates of interest and with short-term and long-term interest rates up again spending in these areas will probably remain depressed.

VIRGINIA'S 312,300 FACTORY PRODUCTION WORKERS RECEIVED AN AVERAGE HOURLY EARNING OF $6.63 - THE HIGHEST ON RECORD. The average workweek climbed upward by two-tenths of an hour to an average of 39.8 hours. This increase also occurred in the durable goods portion of the industry. Average weekly earnings increased $3.30 in March to $263.87. The rise over March 1980 was $29.85. In the major metropolitan areas trends were mixed. Both hours and earnings declined in Bristol and Northern Virginia while in Norfolk and Petersburg both averages were up. The Roanoke and Lynchburg areas recorded longer workweeks but lower hourly earnings. Although hourly earnings remained unchanged in Richmond the workweek lengthened.

WORKER TOTALS IN SERVICES CONTINUED TO SWELL - A PLUS 2,100 IN MARCH. Seasonal pressures dominated the industry. Many businesses in the service group cater to visitors who come into the State and many were gearing up for the summer tourist season. Increases were noted by amusement centers and theme parks as well as by hotels and motels. Even with increased costs of gasoline, the tourist industry is hoping the weather will cooperate and the number of incoming sightseers will surpass previous years. Trade's monthly increase was

(continued from page 1)

almost as great as services - plus 2,000. Retail establishments, particularly restaurants and gift shops, were adding to their staffs. A later Easter was a deterrent to March hiring. During December 1980 retail sales were stronger than had been anticipated and the momentum carried over into 1981. By March, sales had leveled off and would have shown a decline if it had not been for auto sales. High interest rates, rising prices, low rates of saving and a reluctance to take on more debt are helping to depress consumer markets.

IMPROVED WEATHER CONDITIONS ALLOWED CONSTRUCTION FIRMS TO RECALL WORKERS THAT HAD BEEN OUT OF WORK EARLIER IN THE YEAR. Most of the increases were with special trade contractors and highway and heavy construction firms. The value of contracts for new construction is showing some increase with the sharpest rise being in contracts for nonresidential building. National home construction starts rose in March but building permits for future construction continued to fall. As long as interest rates remain high both home builders and buyers will continue to have difficulties. Banks, savings and loans institutions and mortgage companies also feel the adverse effects of the high cost of money. Real estate agencies traditionally have peak periods of employment during the spring months and additional personnel were hired to handle this influx of business.

GOVERNMENT WORKERS WERE FEWER IN NUMBER WITH A DECLINE OF THREE HUNDRED PEOPLE. Increases in federal employment were centered in defense agencies. This, however, was obscured by the release of temporary workers hired to work while the Virginia General Assembly was in session. Reductions in state and federal revenues has prompted cutbacks by both State and local government agencies and further restrictions are scheduled for the future.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTICS for all commodities was 289.6 (1967=100) in March 1981. The monthly increase was 1.0 percent. The index for finished good at 265.3 was up 1.1 percent over the month.

THE ALL URBAN CONSUMER PRICE INDEX for March 1981 was 265.1 (1967=100). This is an over-the-month gain of 0.7 percent and an over-the-year rise of 10.6 percent. The Urban Wage Earners and Clerical Workers Index rose 0.6 percent to 265.2. The yearly gain is 10.5 percent.

THE APRIL 1981 CONSUMER PRICE INDEX data will be released on May 22, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed 2/			Unemployed			Per Cent of Labor Force		
	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	February 1981	January 1981	February 1980	Feb. 1981	Jan. 1981	Feb. 1980
United States	104,808,000	104,671,000	103,257,000	96,383,000	96,128,000	96,264,000	8,425,000	8,543,000	6,993,000	8.0	8.2	6.8
Virginia	2,530,300	2,516,800	2,467,200	2,387,600	2,378,300	2,342,500	142,700	138,500	124,700	5.6	5.5	5.1
Bristol Area	39,320	39,280	38,040	36,400	36,430	35,620	2,920	2,850	2,420	7.4	7.3	6.4
Lynchburg SMSA	76,490	75,970	75,320	72,620	72,410	72,050	3,870	3,560	3,270	5.1	4.7	4.3
Newport News-Hampton SMSA	168,260	167,390	158,580	159,360	158,310	150,100	8,900	9,080	8,480	5.3	5.4	5.3
Norfolk-Virginia Beach-Portsmouth SMSA	327,350	325,770	319,630	306,750	306,350	301,630	20,600	19,420	18,000	6.3	6.0	5.6
Northern Virginia Area	569,600	566,900	548,800	552,000	549,200	531,800	17,600	17,700	17,000	3.1	3.1	3.1
Petersburg-Colonial Heights-Hopewell SMSA	59,450	59,230	57,960	55,490	55,300	54,730	3,960	3,930	3,230	6.7	6.6	5.6
Richmond SMSA	333,170	331,640	323,850	321,770	319,680	313,170	11,400	11,960	10,680	3.4	3.6	3.3
Roanoke SMSA	110,590	110,200	107,540	105,000	104,640	102,630	5,590	5,560	4,910	5.1	5.0	4.6

1/ All data adjusted to a place-of-residence basis

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December, 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL 1/	2,117.5	2,106.7	2,097.5	10.8	20.0
MANUFACTURING	408.8	406.4	414.4	2.4	- 5.6
Durable Goods	188.1	185.7	190.4	2.4	- 2.3
Lumber and Wood Products	23.5	23.2	23.7	.3	- .2
Millwork, Plywood and Structural Members	6.3	6.3	6.4	0	- .1
Wood Containers	2.0	1.9	1.8	.1	.2
Wood Buildings and Mobile Homes	3.0	2.9	3.2	.1	- .2
Miscellaneous Wood Products	2.1	2.0	2.3	.1	- .2
Furniture and Fixtures	26.3	26.0	27.1	.3	- .8
Household and Office Furniture	24.9	24.7	25.6	.2	- .7
Stone, Clay and Glass Products	12.5	12.3	13.1	.2	- .6
Structural Clay Products	.7	.6	.9	.1	- .2
Concrete Gypsum and Plaster Products	7.4	7.3	7.5	.1	- .1
Glass and Glass Products	1.6	1.7	1.8	- .1	- .2
Primary Metal Industries	12.0	11.8	13.2	.2	- 1.2
Fabricated Metal Products	20.0	20.3	21.3	- .3	- 1.3
Fabricated Structural Metal Products	12.9	12.9	13.4	0	- .5
Machinery, except Electrical	15.0	15.2	15.3	- .2	- .3
Construction and Related Machinery	4.6	4.6	4.7	0	- .1
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.0	2.0	2.0	0	0
Electric and Electronic Equipment	33.6	33.4	33.3	.2	.3
Communication Equipment	11.5	11.5	11.6	0	- .1
Electronic Components and Accessories	5.5	5.4	5.5	.1	0
Transportation Equipment	37.7	36.0	35.9	1.7	1.8
Instruments and Related Products	4.0	4.0	4.0	0	0
Miscellaneous Manufacturing Industries	3.5	3.5	3.5	0	0
Nondurable Goods	220.7	220.7	224.0	0	- 3.3
Food and Kindred Products	40.5	41.1	41.4	- .6	- .9
Meat Products	13.0	13.1	13.3	- .1	- .3
Dairy Products	2.9	2.8	2.5	.1	.4
Preserved Fruits and Vegetables	2.9	3.5	3.8	- .6	- .9
Bakery Products	5.1	5.1	5.1	0	0
Beverages	5.6	5.6	5.5	0	.1
Tobacco Manufactures	16.4	16.6	16.0	- .2	.4
Cigarettes	14.1	14.2	13.7	- .1	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.9	2.0	1.9	- .1	0
Textile Mill Products	44.9	45.1	45.1	- .2	- .2
Weaving Mills, Cotton, Synthetics and Wool	18.7	18.9	19.0	- .2	- .3
Narrow Fabric Mills	1.1	1.2	1.4	- .1	- .3
Knitting Mills	14.5	14.4	13.5	.1	1.0
Textile Finishing, except Wool	4.6	4.6	5.0	0	- .4
Yarn and Thread Mills	3.1	3.1	3.2	0	- .1
Miscellaneous Textile Goods	1.2	1.2	1.3	0	- .1
Apparel and Other Textile Products	33.9	33.0	35.5	.9	- 1.6
Men's and Boys' Suits, Coats and Furnishings	12.6	12.1	13.5	.5	- .9
Women's and Children's Outerwear & Undergarments	17.5	17.2	17.8	.3	- .3
Miscellaneous Fabricated Textile Products	1.7	1.7	1.9	0	- .2
Paper and Allied Products	14.5	14.5	14.7	0	- .2
Pulp, Paper and Paperboard	7.6	7.6	7.7	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.1	6.1	6.3	0	- .2
Miscellaneous Converted Paper Products	2.5	2.4	2.6	.1	- .1
Paperboard Containers and Boxes	3.6	3.7	3.7	- .1	- .1
Printing and Publishing	22.0	22.1	21.6	- .1	.4
Newspapers and Periodicals	8.2	8.2	8.2	0	0
Commercial Printing	8.2	8.2	8.2	0	0
Chemicals and Allied Products	33.0	32.8	33.7	.2	- .7
Industrial Inorganic Chemicals	.8	.8	.9	0	- .1
Plastics Materials and Synthetics	19.4	19.3	20.4	.1	- 1.0
Drugs	2.7	2.7	2.6	0	.1
Agricultural Chemicals	1.7	1.7	1.8	0	- .1
Miscellaneous Chemical Products	3.5	3.5	3.1	0	.4
Petroleum, Rubber and Misc. Plastics Products	12.0	12.0	12.5	0	- .5
Miscellaneous Plastics Products	5.7	5.6	5.9	.1	- .2
Rubber and Rubber Products	6.0	6.0	6.4	0	- .4
Leather and Leather Products	3.5	3.5	3.5	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
(Continued from page 4)					
NONMANUFACTURING	1,708.7	1,700.3	1,683.1	8.4	25.6
Mining	23.8	23.6	23.7	.2	.1
Bituminous Coal and Lignite Mining	20.9	20.8	20.3	.1	.6
Construction	110.7	106.9	120.2	3.8	- 9.5
Transportation and Public Utilities	114.0	114.2	113.8	- .2	.2
Railroad Transportation	13.4	13.4	13.9	0	- .5
Trucking and Warehousing	28.7	28.7	29.1	0	- .4
Transportation by Air	11.2	11.1	11.0	.1	.2
Communication	28.8	28.7	27.7	.1	.1
Electric, Gas and Sanitary Services	17.1	17.0	16.0	.1	1.1
Wholesale and Retail Trade	446.9	444.9	436.6	2.0	10.3
Wholesale	105.1	105.0	104.0	.1	1.1
Wholesale Trade Durable Goods	63.4	63.6	63.7	- .2	- .3
Wholesale Trade Nondurable Goods	41.7	41.4	40.3	.3	1.4
Retail	341.8	339.9	332.6	1.9	9.2
General Merchandise Stores	55.5	55.4	53.8	.1	1.7
Department Stores	41.1	41.0	40.2	.1	.9
Variety Stores	9.0	8.9	8.6	.1	.4
Food Stores	55.2	55.4	53.2	- .2	2.0
Automotive Dealers and Service Stations	46.1	46.1	46.1	0	0
Furniture and Home Furnishings Stores	15.2	15.3	16.0	- .1	- .8
Miscellaneous Retail	43.1	43.3	42.9	- .2	.2
Finance, Insurance and Real Estate	106.5	105.7	104.3	.8	2.2
Banking	31.0	30.8	30.8	.2	.2
Insurance Carriers	20.4	20.3	19.8	.1	.6
Real Estate	23.3	22.8	22.5	.5	.8
Services	391.8	389.7	379.0	2.1	12.8
Personal Services	25.9	25.9	25.1	0	.8
Business Services	77.1	77.0	74.8	.1	2.3
Auto and Miscellaneous Repair Service	18.9	18.9	18.2	0	.7
Health Services	103.3	103.1	99.2	.2	4.1
Government	515.0	515.3	505.5	- .3	9.5
Federal Government	153.9	153.6	154.9	.3	- 1.0
State and Local Government	361.1	361.7	350.6	- .6	10.5
State Government	119.3	119.8	119.2	- .5	.1
Local Government	241.8	241.9	231.4	- .1	10.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,751.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.1	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.6	413.1	94.2	342.5	456.1
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.1	413.2	24.6	147.6	115.9	440.0	105.2	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,111.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,117.5	408.8	23.8	110.7	114.0	446.9	106.5	391.8	515.0
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the countires of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL 1/	895.7	893.0	877.4	2.7	18.3
MANUFACTURING	143.7	143.1	146.6	.6	- 2.9
Durable Goods	45.0	44.8	45.6	.2	- .6
Lumber and Wood Products	4.1	4.1	4.2	0	- .1
Furniture and Fixtures	9.1	9.0	9.2	.1	- .1
Stone, Clay and Glass Products	1.3	1.3	1.5	0	- .2
Primary Metal Industries	2.0	2.0	2.0	0	0
Fabricated Metal Products	3.3	3.5	3.7	- .2	- .4
Machinery, except Electrical	2.5	2.5	2.4	0	.1
Electric and Electronic Equipment	15.0	14.8	15.0	.2	0
Transportation Equipment	5.0	4.8	4.9	.2	.1
Instruments and Related Products	1.6	1.7	1.6	- .1	0
Miscellaneous Manufacturing Industries	1.1	1.1	1.1	0	0
Nondurable Goods	98.7	98.3	101.0	.4	- 2.3
Food and Kindred Products	14.0	14.4	15.1	- .4	- 1.1
Tobacco Manufactures	5.6	5.7	5.4	- .1	.2
Textile Mill Products	24.9	24.9	24.4	0	.5
Apparel and Other Textile Products	30.3	29.4	31.9	.9	- 1.6
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.7	7.6	7.7	.1	0
Chemicals and Allied Products	8.4	8.4	8.6	0	- .2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.8	0	- .1
Leather and Leather Products	2.6	2.7	2.6	- .1	0
NONMANUFACTURING	752.0	749.9	730.8	2.1	21.2
Mining	.6	.6	.6	0	0
Construction	7.3	7.3	7.7	0	- .4
Transportation and Public Utilities	28.2	28.1	27.5	.1	.7
Wholesale and Retail Trade	184.6	183.7	179.7	.9	4.9
Wholesale Trade	20.4	20.4	20.6	0	- .2
Retail Trade	164.2	163.3	159.1	.9	5.1
Finance, Insurance and Real Estate	61.3	60.9	59.2	.4	2.1
Services	217.0	216.2	210.2	.8	6.8
Government	253.0	253.1	245.9	- .1	7.1
Federal Government	55.2	55.3	53.9	- .1	1.3
State and Local Government	197.8	197.8	192.0	0	5.8

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
MANUFACTURING	312.3	310.2	319.1	2.1	- 6.8
Durable Goods	141.9	139.8	144.0	2.1	- 2.1
Lumber and Wood Products	20.0	19.7	20.1	.3	- .1
Millwork, Plywood and Structural Members	5.2	5.2	5.4	0	- .2
Wood Containers	1.7	1.7	1.7	0	0
Wood Buildings and Mobile Homes	2.2	2.1	2.3	.1	- .1
Miscellaneous Wood Products	1.8	1.8	2.0	0	- .2
Furniture and Fixtures	22.1	21.9	22.6	.2	- .5
Household and Office Furniture	21.1	21.0	21.5	.1	- .4
Stone, Clay and Glass Products	9.8	9.8	10.5	0	- .7
Structural Clay Products	.6	.5	.8	.1	- .2
Concrete Gypsum and Plaster Products	5.9	5.8	6.0	.1	- .1
Glass and Glass Products	1.2	1.3	1.5	- .1	- .3
Primary Metal Industries	6.6	6.4	7.5	.2	- .9
Fabricated Metal Products	12.9	13.2	14.0	- .3	- 1.1
Fabricated Structural Metal Products	7.6	7.5	7.9	.1	- .3
Machinery, except Electrical	10.4	10.7	10.7	- .3	- .3
Construction and Related Machinery	2.8	2.8	2.8	0	0
Special Industry Machinery	1.5	1.5	1.4	0	.1
Refrigeration and Service Machinery	1.3	1.3	1.3	0	0
Electric and Electronic Equipment	22.5	22.3	22.6	.2	- .1
Communication Equipment	7.1	7.1	7.2	0	- .1
Electronic Components and Accessories	3.5	3.4	3.6	.1	- .1
Transportation Equipment	32.5	30.7	30.9	1.8	1.6
Instruments and Related Products	2.4	2.4	2.4	0	0
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.4	170.4	175.1	0	- 4.7
Food and Kindred Products	29.3	29.7	30.2	- .4	- .9
Meat Products	11.2	11.2	11.4	0	- .2
Dairy Products	1.4	1.4	1.2	0	.2
Preserved Fruits and Vegetables	2.3	2.8	3.1	- .5	- .8
Bakery Products	2.6	2.5	2.6	.1	0
Beverages	2.3	2.3	2.2	0	.1
Tobacco Manufactures	11.9	12.1	11.6	- .2	.3
Cigarettes	10.4	10.5	10.1	- .1	.3
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.2	1.3	1.2	- .1	0
Textile Mill Products	40.2	40.3	40.4	- .1	- .2
Weaving Mills, Cotton, Synthetics and Wool	16.4	16.5	16.7	- .1	- .3
Narrow Fabric Mills	1.0	1.1	1.2	- .1	- .2
Knitting Mills	13.3	13.3	12.4	0	.9
Textile Finishing, except Wool	4.3	4.3	4.6	0	- .3
Yarn and Thread Mills	2.8	2.8	2.9	0	- .1
Miscellaneous Textile Goods	1.1	1.1	1.2	0	- .1
Apparel and Other Textile Products	30.5	29.8	32.5	.7	- 2.0
Men's and Boys' Suits, Coats and Furnishings	11.4	10.9	12.4	.5	- 1.0
Women's and Children's Outerwear & Undergarments	16.0	15.9	16.6	.1	- .6
Miscellaneous Fabricated Textile Products	1.4	1.3	1.5	.1	- .1
Paper and Allied Products	10.8	10.9	11.2	- .1	- .4
Pulp, Paper and Paperboard	5.3	5.3	5.4	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.2	0	- .2
Miscellaneous Converted Paper Products	2.1	2.1	2.3	0	- .2
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	12.8	12.9	13.1	- .1	- .3
Newspapers and Periodicals	2.9	3.0	3.0	- .1	- .1
Commercial Printing	6.2	6.2	6.4	0	- .2
Chemicals and Allied Products	22.5	22.4	23.2	.1	- .7
Industrial Inorganic Chemicals	.4	.4	.5	0	- .1
Plastics Materials and Synthetics	14.2	14.1	15.0	.1	- .8
Drugs	1.3	1.3	1.2	0	.1
Agricultural Chemicals	1.0	1.0	1.1	0	- .1
Miscellaneous Chemical Products	2.4	2.4	2.1	0	.3
Petroleum, Rubber and Misc. Plastics Products	9.2	9.1	9.7	.1	- .5
Miscellaneous Plastics Products	4.2	4.1	4.4	.1	- .2
Rubber and Rubber Products	4.8	4.7	5.1	.1	- .3
Leather and Leather Products	3.2	3.2	3.2	0	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	28.1	28.3	28.1	- .2	0
MANUFACTURING	8.8	9.3	9.4	- .5	- .6
Durable Goods	4.0	4.4	4.9	- .4	- .9
Lumber and Wood Products and Furniture and Fixtures	.3	.3	.3	0	0
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	1.5	1.9	2.3	- .4	- .8
Other Durable Goods 1/	1.9	1.9	2.0	0	- .1
Nondurable Goods	4.8	4.9	4.5	- .1	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.8	0	.3
Paper, Printing and Publishing	.4	.5	.5	- .1	- .1
Other Nondurable Goods 2/	.4	.4	.4	0	0
NONMANUFACTURING	19.3	19.0	18.7	.3	.6
Construction	1.3	1.1	1.2	.2	.1
Transportation & Public Utilities	1.2	1.2	1.1	0	.1
Trade	6.7	6.6	6.5	.1	.2
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.0	4.9	4.8	.1	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.7	3.7	3.7	0	0
Government	5.4	5.4	5.2	0	.2
State and Local Government	5.1	5.0	4.8	.1	.3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	71.2	71.2	72.4	0	- 1.2
MANUFACTURING	29.0	28.8	29.5	.2	- .5
Durable Goods	18.5	18.2	19.1	.3	- .6
Lumber and Wood Products and Furniture and Fixtures	4.1	4.0	4.3	.1	- .2
Other Durable Goods 1/	14.4	14.2	14.8	.2	- .4
Nondurable Goods	10.5	10.6	10.4	- .1	.1
Food and Kindred Products	1.7	1.6	1.3	.1	.4
Textile Mill Products	1.7	1.7	1.8	0	- .1
Apparel & Other Textile Products	2.5	2.6	2.6	- .1	- .1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.6	3.7	- .1	- .2
NONMANUFACTURING	42.2	42.4	42.9	- .2	- .7
Construction	3.1	3.2	3.4	- .1	- .3
Transportation and Public Utilities	2.6	2.6	2.8	0	- .2
Wholesale and Retail Trade	11.3	11.4	11.8	- .1	- .5
Wholesale Trade	2.1	2.2	2.3	- .1	- .2
Retail Trade	9.2	9.2	9.5	0	- .3
Finance, Insurance and Real Estate	3.6	3.6	3.5	0	.1
Services and Mining	11.0	11.0	11.0	0	0
Government	10.6	10.6	10.4	0	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	153.1	152.3	147.1	.8	6.0
MANUFACTURING	35.9	36.1	33.8	- .2	2.1
Durable Goods	29.3	29.5	27.5	- .2	1.8
Stone, Clay & Glass Products	.5	.5	.5	0	0
Transportation Equipment	25.1	25.3	22.9	- .2	2.2
Other Durable Goods 1/	3.7	3.7	4.1	0	- .4
Nondurable Goods	6.6	6.6	6.3	0	.3
Food & Kindred Products	2.9	2.9	2.8	0	.1
Textile Mill Products & Apparel & Other Textile Products	.6	.5	.7	.1	- .1
Printing and Publishing	1.1	1.2	1.1	- .1	0
Other Nondurable Goods 2/	2.0	2.0	1.7	0	.3
NONMANUFACTURING	117.2	116.2	113.3	1.0	3.9
Construction	6.9	6.5	6.9	.4	0
Transportation and Public Utilities	5.2	5.1	4.9	.1	.3
Wholesale and Retail Trade	28.6	28.7	27.8	- .1	.8
Wholesale Trade	3.2	3.3	3.4	- .1	- .2
Retail Trade	25.4	25.4	24.4	0	1.0
Finance, Insurance and Real Estate	5.0	5.0	5.0	0	0
Services and Mining	28.4	28.0	26.7	.4	1.7
Government	43.1	42.9	42.0	.2	1.1
Federal Government	16.8	16.8	16.9	0	- .1
State and Local Government	26.3	26.1	25.1	.2	1.2

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	284.2	283.2	283.1	1.0	1.1
MANUFACTURING	28.7	27.3	29.8	1.4	- 1.1
Durable Goods	17.4	16.0	17.9	1.4	- .5
Lumber & Wood Products	1.6	1.6	1.8	0	- .2
Stone, Clay and Glass Products	1.8	1.7	1.8	.1	0
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Fabricated Structural Metal Products	.8	.8	.9	0	- .1
Machinery (ex. Electrical)	1.3	1.3	1.1	0	.2
Transportation Equipment	7.4	6.0	7.2	1.4	- .1
Other Durable Goods 1/	4.3	4.4	4.4	- .1	- .1
Nondurable Goods	11.3	11.3	11.9	0	- .6
Food and Kindred Products	5.4	5.3	5.6	.1	- .2
Apparel & Other Textile Products	.8	.9	.9	- .1	- .1
Printing and Publishing	2.3	2.3	2.3	0	0
Chemicals and Allied Products	1.4	1.3	1.6	.1	- .2
Agricultural Chemicals	.7	.7	.8	0	- .1
Other Nondurable Goods 2/	1.4	1.5	1.5	- .1	- .1
NONMANUFACTURING	255.5	253.9	253.3	1.6	2.2
Construction	15.2	14.8	15.7	.4	- .5
Transportation & Public Utilities	18.9	19.0	19.0	- .1	- .1
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	69.7	68.9	68.2	.8	1.5
Wholesale Trade	14.1	14.1	14.9	0	- .8
Retail Trade	55.6	54.8	53.3	.8	2.3
Finance, Insurance & Real Estate	14.6	14.5	14.5	.1	.1
Banking	4.4	4.3	4.3	.1	.1
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	56.3	55.9	53.5	.4	2.8
Personal Services	4.1	4.2	4.3	- .1	- .2
Government	80.8	80.8	82.4	0	- 1.6
Federal Government	36.3	36.3	37.2	0	- .9
State & Local Government	44.5	44.5	45.2	0	- .7

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	434.2	432.9	423.4	1.3	10.8
MANUFACTURING	17.7	17.5	17.1	.2	.6
Durable Goods	10.5	10.3	10.3	.2	.2
Stone, Clay and Glass Products	1.0	1.0	1.1	0	-.1
Fabricated Metal Products	1.2	1.2	1.2	0	0
Machinery, except Electrical	.7	.6	.7	.1	0
Electric and Electronic Equipment	5.5	5.5	5.2	0	.3
Other Durable Goods 1/	2.1	2.0	2.0	.1	.1
Nondurable Goods	7.2	7.2	6.8	0	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.6	4.6	4.5	0	.1
Other Nondurable Goods 2/	1.5	1.5	1.2	0	.3
NONMANUFACTURING	416.5	415.4	406.3	1.1	10.2
Mining	.4	.4	.4	0	0
Construction	26.6	25.6	26.2	1.0	.4
Transportation & Public Utilities	28.9	28.9	28.8	0	.1
Transportation By Air	8.5	8.4	8.8	.1	-.3
Electric, Gas & Sanitary Service	3.6	3.6	3.4	0	.2
Wholesale and Retail Trade	98.6	98.5	96.8	.1	1.8
Wholesale Trade	18.2	18.1	18.5	.1	-.3
Retail Trade	80.4	80.4	78.3	0	2.1
General Merchandise Stores	12.5	12.7	11.9	-.2	.6
Food Stores	9.2	9.2	8.9	0	.3
Auto. Dealers & Service Stations	12.2	12.2	11.9	0	.3
Apparel & Accessory Stores	5.1	5.2	5.1	-.1	0
Eating & Drinking Places	22.7	22.4	21.7	.3	1.0
Finance, Insurance & Real Estate	27.4	27.3	26.5	.1	.9
Banking	6.0	6.0	5.9	0	.1
Services	113.9	114.0	109.6	-.1	4.3
Business Services	40.1	40.1	39.0	0	1.1
Government	120.7	120.7	118.0	0	2.7
Federal Government	68.2	68.2	66.7	0	1.5
State and Local Government	52.5	52.5	51.3	0	1.2

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	46.1	46.2	47.7	-.1	-1.6
MANUFACTURING	11.5	11.7	12.1	-.2	-.6
Durable Goods	2.7	2.8	2.9	-.1	-.2
Lumber and Wood Products and Furniture & Fixtures	.8	.8	.7	0	.1
Stone, Clay and Glass Products	.2	.2	.3	0	-.1
Fabricated Metal Products	.1	.1	.2	0	-.1
Other Durable Goods 1/	1.6	1.7	1.7	-.1	-.1
Nondurable Goods	8.8	8.9	9.2	-.1	-.4
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.1	0	0
Chemicals and Allied Products	3.4	3.5	3.7	-.1	-.3
Other Nondurable Goods 2/	3.9	3.9	4.1	0	-.2
NONMANUFACTURING	34.6	34.5	35.6	.1	-1.0
Construction	2.1	2.0	2.0	.1	.1
Transportation and Public Utilities	1.5	1.5	1.6	0	-.1
Wholesale and Retail Trade	8.1	8.1	8.1	0	0
Wholesale Trade	1.2	1.2	1.3	0	-.1
Retail Trade	6.9	6.9	6.8	0	.1
Finance, Insurance and Real Estate	1.2	1.2	1.3	0	-.1
Services and Mining	6.5	6.4	6.0	.1	.5
Government	15.2	15.3	15.6	-.1	-.4
Federal Government	4.8	4.9	5.6	-.1	-.8
State and Local Government	10.4	10.4	10.0	0	.4

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	327.9	326.7	324.8	1.2	3.1
MANUFACTURING	55.9	55.9	55.9	0	0
Durable Goods	17.7	17.7	18.1	0	- .4
Lumber & Wood Products	1.4	1.4	1.6	0	- .2
Furniture & Fixtures	2.2	2.2	2.2	0	0
Stone, Clay & Glass Products	1.4	1.4	1.3	0	.1
Fabricated Metal Products	2.4	2.4	2.4	0	0
Fabricated Structural Metal Products	1.8	1.8	1.8	0	0
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.2	8.5	0	- .3
Nondurable Goods	38.2	38.2	37.8	0	.4
Food & Kindred Products	4.3	4.3	4.4	0	- .1
Bakery Products	1.9	1.9	1.9	0	0
Tobacco Manufactures	12.7	12.8	12.0	- .1	.7
Cigarettes	11.9	11.9	11.1	0	.8
Tobacco Stemming & Redrying	.5	.5	.5	0	0
Apparel & Other Textile Products	2.1	2.1	2.5	0	- .4
Paper & Allied Products	4.2	4.1	4.2	.1	0
Printing and Publishing	5.2	5.2	5.2	0	0
Commercial Printing	2.9	2.9	2.9	0	0
Chemicals & Allied Products	7.7	7.7	7.6	0	.1
Other Nondurable Goods 2/	2.0	2.0	1.9	0	.1
NONMANUFACTURING	272.0	270.8	268.9	1.2	3.1
Mining	.4	.4	.4	0	0
Construction	15.9	15.3	16.5	.6	- .6
Transportation & Public Utilities	20.0	19.9	19.5	.1	.5
Wholesale & Retail Trade	73.9	73.4	72.5	.5	1.4
Wholesale Trade	22.1	22.1	22.0	0	.1
Retail Trade	51.8	51.3	50.5	.5	1.3
General Merchandise Stores	10.3	10.3	10.3	0	0
Food Stores	7.4	7.4	7.1	0	.3
Auto Dealers & Service Stations	5.6	5.5	5.8	.1	- .2
Finance, Insurance & Real Estate	26.8	26.7	26.8	.1	0
Insurance Carriers	10.5	10.5	10.3	0	.2
Services	59.5	59.4	58.4	.1	1.1
Government	75.5	75.7	74.8	- .2	.7
Federal Government	7.8	7.8	8.3	0	- .5
State & Local Government	67.7	67.9	66.5	- .2	1.2

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	March 1981	February 1981	March 1980	February 1981	March 1980
NONAGRICULTURAL	103.0	102.6	104.4	.4	- 1.4
MANUFACTURING	20.9	20.9	21.0	0	- .1
Durable Goods	12.2	12.1	12.1	.1	.1
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.4	2.7	.1	- .2
Fabricated Structural Metal Products	1.2	1.1	1.3	.1	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.6	6.3	0	.3
Nondurable Goods	8.7	8.8	8.9	- .1	- .2
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.7	1.7	1.9	0	- .2
Apparel & Other Textile Products	1.6	1.7	1.7	- .1	- .1
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.5	0	.1
NONMANUFACTURING	82.1	81.7	81.4	.4	- 1.3
Mining	.1	.1	.1	0	0
Construction	5.1	4.8	5.7	.3	- .6
Transportation & Public Utilities	9.5	9.5	10.0	0	- .5
Wholesale & Retail Trade	25.3	25.3	25.9	0	- .6
Wholesale Trade	7.3	7.4	7.5	- .1	- .2
Retail Trade	18.0	17.9	18.4	.1	- .4
Finance, Insurance & Real Estate	6.3	6.3	6.3	0	0
Services	19.6	19.5	19.4	.1	.2
Government	16.2	16.2	16.0	0	.2
Federal Government	3.1	3.1	3.2	0	- .1
State & Local Government	13.1	13.1	12.8	0	.3

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$263.87	$260.57	$234.02	39.8	39.6	39.2	$6.63	$6.58	$5.97
Durable Goods	268.62	262.25	239.76	40.7	40.1	39.5	6.60	6.54	6.07
Lumber and Wood Products	197.79	189.75	171.75	39.4	37.5	37.5	5.02	5.06	4.58
Furniture and Fixtures	179.44	174.72	163.74	39.7	39.0	38.8	4.52	4.48	4.22
Household and Office Furniture	178.54	173.82	161.70	39.5	38.8	38.5	4.52	4.48	4.20
Stone, Clay and Glass Products	251.08	241.79	218.99	41.5	39.9	39.6	6.05	6.06	5.53
Structural Clay Products	154.81	82.83	188.10	30.9	16.5	38.0	5.01	5.02	4.95
Glass and Glass Products	243.01	244.62	241.60	40.1	40.5	40.2	6.06	6.04	6.01
Primary Metal Industries	341.09	335.07	294.81	40.8	39.7	39.1	8.36	8.44	7.54
Fabricated Metal Products	321.12	317.52	281.64	40.7	40.5	39.5	7.89	7.84	7.13
Fabricated Structural Metal Products	298.98	300.76	278.80	40.9	41.2	40.0	7.31	7.30	6.97
Machinery, except Electrical	292.41	283.11	247.89	40.5	40.1	39.1	7.22	7.06	6.34
Construction and Related Machinery	300.98	271.29	236.44	41.4	38.7	36.6	7.27	7.01	6.46
Special Industry Machinery	332.93	322.81	290.21	40.9	40.2	39.7	8.14	8.03	7.31
Refrigeration and Service Machinery	297.62	306.87	262.67	41.8	43.1	41.3	7.12	7.12	6.36
Electric and Electronic Equipment	275.13	273.64	242.59	40.7	40.3	39.9	6.76	6.79	6.08
Communication Equipment	300.51	306.27	263.86	40.5	41.0	40.1	7.42	7.47	6.58
Instruments and Related Products	221.65	220.48	200.84	42.3	42.4	37.4	5.24	5.20	5.37
Miscellaneous Manufacturing Industries	209.82	214.73	206.46	38.5	38.9	39.4	5.45	5.52	5.24
Nondurable Goods	259.74	258.06	231.66	39.0	39.1	39.0	6.66	6.60	5.94
Food and Kindred Products	230.38	220.57	204.06	37.4	36.7	36.9	6.16	6.01	5.53
Tobacco Manufactures	413.82	403.52	348.72	39.6	39.6	37.7	10.45	10.19	9.25
Cigarettes	437.78	427.33	369.57	40.2	39.9	38.1	10.89	10.71	9.70
Textile Mill Products	208.69	210.27	199.75	39.6	39.9	41.1	5.27	5.27	4.86
Weaving Mills, Cotton, Synthetics and Wool	229.22	229.48	223.16	41.3	41.2	43.5	5.55	5.57	5.13
Knitting Mills	184.63	189.24	170.17	37.0	38.0	37.9	4.99	4.98	4.49
Yarn and Thread Mills	185.73	183.23	170.15	41.0	40.9	41.1	4.53	4.48	4.14
Miscellaneous Textile Goods	218.54	169.49	206.75	40.1	32.1	41.6	5.45	5.28	4.97
Apparel and Other Textile Products	158.68	158.99	143.87	35.9	36.3	35.7	4.42	4.38	4.03
Men's and Boys' Suits, Coats and Furnishings	166.32	161.72	146.20	36.0	35.7	36.1	4.62	4.53	4.05
Women's and Children's Outerwear & Undergarments	152.87	156.40	139.90	35.8	36.8	34.8	4.27	4.25	4.02
Paper and Allied Products	346.96	343.20	313.96	43.1	42.9	42.6	8.05	8.00	7.37
Pulp, Paper and Paperboard	421.57	420.08	387.45	44.8	44.5	45.0	9.41	9.44	8.61
Misc. Converted Paper and Paperboard Products, Containers and Boxes	271.51	267.21	242.00	41.2	41.3	40.4	6.59	6.47	5.99
Printing and Publishing	310.34	311.42	264.15	37.8	38.4	37.1	8.21	8.11	7.12
Newspapers and Periodicals	245.27	247.63	248.86	33.1	33.6	35.2	7.41	7.37	7.07
Chemical and Allied Products	355.66	356.99	318.93	41.5	41.9	41.8	8.57	8.52	7.63
Plastic Materials and Synthetics	370.71	373.51	325.50	41.7	42.3	42.0	8.89	8.83	7.75
Agricultural Chemicals	259.06	249.08	242.19	42.4	40.7	45.1	6.11	6.12	5.37
Leather and Leather Products	148.16	153.25	126.35	37.7	38.7	35.0	3.93	3.96	3.61

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	1) $218.89	1) $235.60	$198.52	37.1	38.0	36.9	1) $5.90	1) $6.20	$5.38
Durable Goods	1) 281.64	1) 306.23	237.68	39.5	40.4	38.9	1) 7.13	1) 7.58	6.11
Fabricated Metal Products	1) 349.66	1) 390.64	297.11	39.2	39.3	39.3	1) 8.92	1) 9.94	7.56
Machinery and Transportation Equipment	274.18	261.94	226.40	40.5	40.8	38.7	6.77	6.42	5.85
Nondurable Goods	165.20	166.25	152.59	35.0	35.6	34.6	4.72	4.67	4.41
Food and Kindred Products	185.16	193.41	181.94	34.1	34.6	34.2	5.43	5.59	5.32
Apparel and Other Textile Products	138.36	135.32	127.76	33.1	34.0	33.8	4.18	3.98	3.78

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,400 production workers.

1/ Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$264.79	$262.35	$232.83	40.8	40.3	39.0	$6.49	$6.51	$5.97
Durable Goods	275.54	272.68	249.31	40.7	40.1	39.2	6.77	6.80	6.36
Lumber and Wood Products and Furniture and Fixtures	180.95	174.26	161.08	38.5	37.8	37.9	4.70	4.61	4.25
Nondurable Goods	249.89	247.86	207.28	41.1	40.7	38.6	6.08	6.09	5.37
Food and Kindred Products	243.69	253.72	251.12	41.8	42.5	43.0	5.83	5.97	5.84
Textile Mill Products	224.62	228.17	216.30	40.4	40.6	42.0	5.56	5.62	5.15
Apparel and Other Textile Products	147.66	144.99	131.10	37.1	35.8	34.5	3.98	4.05	3.80
Paper and Allied Products	410.50	404.03	350.30	52.9	52.2	49.9	7.76	7.74	7.02

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$292.74	$272.95	$264.38	41.0	40.8	40.8	$7.14	$6.69	$6.48
Durable Goods	314.50	291.71	285.10	41.6	42.4	41.2	7.56	6.88	6.92
Lumber and Wood Products	241.67	226.40	214.43	44.1	40.0	41.0	5.48	5.66	5.23
Stone, Clay, and Glass Products	265.37	268.65	226.16	41.4	43.4	39.4	6.41	6.19	5.74
Fabricated Metal Products	236.34	216.59	211.82	40.4	37.8	40.5	5.85	5.73	5.23
Machinery, except Electrical	244.11	253.34	223.51	39.5	41.6	41.7	6.18	6.09	5.36
Transportation Equipment	394.90	360.04	347.36	43.3	46.1	41.6	9.12	7.81	8.35
Nondurable Goods	250.74	240.79	231.09	39.8	38.1	40.4	6.30	6.32	5.72
Food and Kindred Products	238.79	223.01	208.94	39.6	36.8	39.2	6.03	6.06	5.33
Apparel and Other Textile Products	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A	1) N/A
Chemicals and Allied Products	259.98	254.34	244.34	42.0	40.5	43.4	6.19	6.28	5.63

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,000 production workers.

1) Not Available.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$285.68	$294.48	$269.56	39.9	40.9	39.7	$7.16	$7.20	$6.79
Durable Goods	272.16	275.78	257.28	40.5	41.1	40.2	6.72	6.71	6.40
Stone, Clay, and Glass Products	216.82	228.86	221.56	37.0	38.4	38.2	5.86	5.96	5.80
Fabricated Metal Products	282.89	288.56	263.34	39.9	40.7	39.9	7.09	7.09	6.60
Electric and Electronic Equipment	1) 293.76	1) 297.47	288.53	43.2	43.3	43.0	1) 6.80	1) 6.87	6.71
Nondurable Goods	306.54	320.36	288.56	39.1	40.5	39.1	7.84	7.91	7.38
Food and Kindred Products	306.94	290.38	288.84	40.6	39.4	41.8	7.56	7.37	6.91

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$310.02	$302.59	$274.77	39.9	39.4	38.7	$7.77	$7.68	$7.10
Durable Goods	1) 202.62	1)195.62	159.04	1) 41.1	1) 39.6	35.9	1) 4.93	1) 4.94	4.43
Lumber and Wood Products and Furniture and Fixtures	1) 220.22	1)196.98	134.40	1) 44.4	1) 40.2	35.0	1) 4.96	1) 4.90	3.84
Nondurable Goods	346.10	337.59	312.44	39.6	39.3	39.6	8.74	8.59	7.89
Food & Kindred Products	224.62	215.84	216.68	39.2	38.0	40.5	5.73	5.68	5.35
Chemicals & Allied Products	378.31	370.80	357.85	41.3	41.2	42.1	9.16	9.00	8.50

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 9,000 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$352.46	$348.13	$301.78	40.7	40.2	39.5	$ 8.66	$ 8.66	$ 7.64
Durable Goods	322.18	317.12	286.23	41.2	40.5	40.6	7.82	7.83	7.05
Lumber and Wood Products	197.64	193.43	181.10	40.5	39.8	39.2	4.88	4.86	4.62
Furniture and Fixtures	187.67	192.06	191.73	40.1	39.6	41.5	4.68	4.85	4.62
Primary Metal Industries	490.31	490.53	454.83	41.8	41.5	43.4	11.73	11.82	10.48
Fabricated Metal Products	396.61	368.87	315.85	41.4	39.2	38.1	9.58	9.41	8.29
Fabricated Structural Metal Products	430.00	404.68	326.31	40.3	38.8	36.5	10.67	10.43	8.94
Nondurable Goods	364.50	360.00	308.50	40.5	40.0	39.1	9.00	9.00	7.89
Food and Kindred Products	252.05	243.51	222.48	40.2	38.9	39.1	6.27	6.26	5.69
Tobacco Manufactures	434.64	432.42	371.11	38.6	38.2	37.6	11.26	11.32	9.87
Cigarettes	443.50	441.21	385.23	38.7	38.2	38.6	11.46	11.55	9.98
Apparel and Other Textile Products	176.10	178.40	166.22	38.2	37.4	38.3	4.61	4.77	4.34
Paper and Allied Products	314.18	307.94	266.38	42.4	42.3	40.3	7.41	7.28	6.61
Printing and Publishing	349.85	347.31	303.74	38.7	39.2	38.4	9.04	8.86	7.91
Chemicals and Allied Products	414.90	414.62	347.75	43.3	43.4	41.3	9.56	9.62	8.42

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
MANUFACTURING	$246.40	$241.64	$216.55	40.0	39.1	38.6	$6.16	$6.18	$5.61
Durable Goods	247.63	245.70	219.82	40.2	39.0	38.7	6.16	6.30	5.68
Fabricated Metal Products	233.86	238.94	204.75	40.6	41.7	39.3	5.76	5.73	5.21
Fabricated Structural Metal Products	231.20	238.78	202.54	40.0	41.6	38.8	5.78	5.74	5.22
Nondurable Goods	244.95	236.98	215.60	39.7	39.3	38.5	6.17	6.03	5.60
Food and Kindred Products	248.11	250.71	229.06	43.0	43.3	43.3	5.77	5.79	5.29
Textile Mill Products	176.27	191.00	193.12	36.8	39.3	41.8	4.79	4.86	4.62

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980	March 1981	February 1981	March 1980
Virginia	$ 263.87	$260.57	$234.02	$207.55	$205.26	$188.07	$226.86	$224.37	$205.58
Bristol Area	1)218.89	235.60	198.52	176.12	187.95	172.63	192.89	205.55	189.08
Lynchburg SMSA	264.79	262.35	232.83	208.19	206.50	192.42	227.55	225.71	210.30
Norfolk-Virginia Beach-Portsmouth SMSA	292.74	272.95	264.38	227.06	213.73	209.28	248.61	233.70	228.61
Northern Virginia Area	258.68	294.48	269.56	203.95	228.23	219.78	222.95	249.92	234.21
Petersburg-Colonial Heights-Hopewell SMSA	310.02	302.59	274.77	238.61	233.69	216.43	261.51	256.03	236.54
Richmond ASA	352.46	348.13	301.78	265.49	262.75	230.96	292.21	289.08	252.79
Roanoke SMSA	246.40	241.64	216.55	195.44	192.14	175.55	213.69	210.11	192.21

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	March 1981 2/	February 1981	March 1980	February 1980
NONAGRICULTURAL	2,154.1	2,160.7	2,133.8	2,141.0
MANUFACTURING	413.3	410.9	419.0	419.2
Durable Goods	190.6	188.5	192.9	193.2
Lumber & Wood Products	24.0	24.2	24.2	24.7
Furniture and Fixtures	26.1	25.7	26.9	26.9
Stone, Clay and Glass Products	12.7	12.6	13.4	13.6
Primary Metal Industries	12.1	11.7	13.3	13.2
Fabricated Metal Products	20.2	20.4	21.5	21.2
Machinery, except Electrical	15.2	15.2	15.5	15.8
Electric and Electronic Equipment	33.9	33.7	33.6	33.6
Transportation Equipment	38.8	36.5	36.9	36.4
Instruments and Related Products	4.0	4.0	4.0	3.9
Nondurable Goods	222.7	222.5	226.0	226.1
Food and Kindred Products	41.4	42.2	42.3	42.7
Tobacco Manufactures	17.0	16.9	16.6	16.7
Textile Mill Products	45.4	45.6	45.6	45.8
Apparel and Other Textile Products	34.0	33.3	35.6	35.6
Paper and Allied Products	14.5	14.5	14.7	14.6
Printing and Publishing	22.2	22.2	21.8	21.7
Chemicals and Allied Products	33.0	32.9	33.7	33.7
Leather and Leather Products	3.6	3.6	3.6	3.6
MINING	25.2	25.9	25.0	26.2
Bituminous Coal and Lignite Mining	22.2	22.9	21.6	22.7
CONTRACT CONSTRUCTION	120.0	122.7	129.9	133.4
TRANSPORTATION & PUBLIC UTILITIES	114.7	116.2	114.5	115.0
Railroad Transportation	13.4	13.6	13.9	14.0
Trucking and Warehousing	29.2	29.8	29.6	30.1
Transportation by Air	11.3	11.2	11.1	11.0
Communication	28.9	28.8	27.8	27.7
Electric, Gas and Sanitary Services	17.1	17.0	16.0	15.9
WHOLESALE AND RETAIL TRADE	458.4	460.6	447.8	452.1
Wholesale Trade	106.2	106.3	105.0	105.3
Retail Trade	352.0	352.6	342.5	345.1
General Merchandise Stores	58.5	58.2	56.8	57.4
Food Stores	56.1	56.6	54.1	54.4
FINANCE, INSURANCE & REAL ESTATE	108.3	108.1	106.1	106.7
Banking	31.3	31.1	31.1	31.1
Insurance Carriers	20.4	20.3	19.8	19.8
SERVICES	399.4	402.2	386.3	387.6
Personal Services	24.9	25.2	24.1	24.1
Business Services	78.4	78.8	76.0	76.0
GOVERNMENT	512.0	513.8	502.5	501.5
Federal Government	154.7	154.7	155.7	154.0
State and Local Government	358.2	359.5	347.8	348.0
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	40.2	39.9	39.6	39.6
Durable Goods	41.1	40.6	40.0	40.0
Lumber and Wood Products	39.4	38.1	37.5	36.8
Furniture and Fixtures	40.1	41.6	39.2	41.0
Household & Office Furniture	40.1	41.4	39.0	40.8
Stone, Clay & Glass Products	43.1	40.3	41.2	40.2
Primary Metal Industries	41.5	39.3	39.8	39.4
Fabricated Metal Products	40.8	40.8	39.6	40.0
Fabricated Structural Metal Products	41.3	41.8	40.4	40.0
Machinery, except Electrical	40.3	40.0	38.9	40.3
Electric and Electronic Equipment	40.9	40.3	40.1	40.5
Instruments & Related Products	42.0	43.0	37.1	39.5
Miscellaneous Manufacturing Industries	38.2	39.8	38.6	38.6
Nondurable Goods	39.3	39.5	39.3	39.5
Food & Kindred Products	37.8	37.8	37.3	38.0
Tobacco Manufactures	39.6	40.4	37.7	38.4
Cigarettes	40.4	40.9	37.6	38.7
Textile Mill Products	39.8	40.0	41.3	40.2
Weaving Mills, Cotton, Synthetics and Wool	41.4	41.7	43.6	43.3
Knitting Mills	38.1	37.8	39.0	38.0
Apparel & Other Textile Products	35.9	37.0	35.7	37.9
Men's and Boys' Suits, Coats and Furnishings	36.6	36.7	36.7	38.4
Women's and Children's Outerwear & Undergarments	35.7	37.2	34.7	37.3
Paper & Allied Products	43.2	43.0	42.7	42.7
Pulp, Paper and Paperboard	44.8	44.9	45.0	45.0
Printing and Publishing	37.9	38.3	37.6	38.1
Newspapers and Periodicals	33.3	33.7	35.4	36.8
Chemicals & Allied Products	41.5	41.7	41.8	41.4
Plastics Materials & Synthetics	41.9	42.6	42.2	42.2
Agricultural Chemicals	39.3	39.2	41.8	40.9
Leather & Leather Products	38.5	39.8	35.7	37.6

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	406.1	74.3	242.8	360.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.3	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	131.4	107.4	368.6	84.5	286.4	406.5
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	286.9	421.6
1976	1,862.1	387.8	21.8	111.8	104.1	383.1	86.3	312.8	432.6
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	457.6
1978	2,032.9	409.1	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.1	135.2	114.1	440.0	101.4	374.2	496.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.3	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	448.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.2	115.4	106.9	398.3	90.6	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.5
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.2	457.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	459.1
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	461.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	468.9
October	1,962.7	404.3	21.8	113.8	107.4	412.8	93.2	339.2	470.8
November	1,968.6	404.9	22.9	116.0	107.5	413.6	93.6	340.9	469.2
December	1,970.6	405.0	23.0	116.4	107.6	418.2	93.7	342.7	464.1
1978:									
January	1,972.3	404.9	23.2	120.1	105.0	416.4	93.8	345.0	464.0
February	1,982.1	407.1	23.5	121.2	105.5	419.5	94.3	347.8	463.2
March	1,993.2	407.0	23.5	122.9	106.6	420.1	95.0	350.8	467.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	96.8	351.6	480.6
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	353.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.1	103.4	429.1	97.1	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	485.1
November	2,073.2	411.9	24.6	135.5	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	133.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.9	488.1
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.1	411.1	26.0	135.2	114.2	441.6	102.2	377.3	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	483.1
May	2,092.6	412.5	23.9	135.5	112.5	440.1	102.6	376.4	485.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	377.0	485.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	379.3	485.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	379.1	485.5
September	2,101.1	415.6	22.6	137.0	115.1	438.2	103.8	379.5	486.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.3
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.1	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	500.8
May	2,111.4	412.0	21.0	121.8	114.6	442.1	105.1	381.5	503.0
June	2,099.1	406.2	22.4	119.6	114.0	441.2	104.9	380.7	508.8
July	2,090.6	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.3
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	389.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	405.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	118.9	115.6	456.2	107.5	402.1	518.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.1	413.3	25.2	120.0	114.7	458.6	108.3	398.4	512.0
April									
May									
June									
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

Table E-1

U.S. DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

UNION WAGE RATES AND HOURS AND EMPLOYER CONTRIBUTIONS TO SELECTED FUNDS IN THE PRINTING TRADES,
SEPTEMBER 1, 1978 AND SEPTEMBER 2, 1980

CITY AND JOB CLASSIFICATION	SEPTEMBER 1, 1978	SEPTEMBER 2, 1980						
				EMPLOYER CONTRIBUTIONS FOR SELECTED BENEFITS 3/			
	RATE PER HOUR 1/	RATE PER HOUR 1/	HOURS PER WEEK 2/	INSURANCE 4/		PENSION	
				DOLLARS	PERCENT	DOLLARS	PERCENT
NORFOLK, VA.							
BOOK AND JOB							
COMPOSITORS, HAND	$5.375	$8.638	37.50	-	-	-	-
MACHINE OPERATORS	5.375	8.638	37.50	-	-	-	-
MACHINE TENDERS (MACHINISTS)	5.375	8.638	37.50	-	-	-	-
NEWSPAPER							
COMPOSITORS, HAND:							
DAY SHIFT	6.946	8.638	37.50	-	-	-	-
SECOND SHIFT	7.079	8.717	37.50	-	-	-	-
MACHINE OPERATORS:							
DAY SHIFT	6.946	8.638	37.50	-	-	-	-
SECOND SHIFT	7.079	8.717	37.50	-	-	-	-
MAILERS:							
DAY SHIFT	6.160	7.626	37.50	*	*	*	*
SECOND SHIFT	6.266	7.706	37.50	*	*	*	*
PRESS OPERATORS, WEB:							
DAY SHIFT	6.853	8.486	37.50	-	-	-	-
SECOND SHIFT	6.986	8.620	37.50	-	-	-	-
PRESS OPERATORS-IN-CHARGE:							
DAY SHIFT	7.520	9.153	37.50	-	-	-	-
SECOND SHIFT	7.653	9.286	37.50	-	-	-	-

1/ BASIC (MINIMUM) RATES, EXCLUDING HOLIDAY, VACATION, OR OTHER BENEFIT PAYMENTS MADE OR REGULARLY CREDITED TO THE EMPLOYEE. WAGE RATES SHOWN REPRESENT RATES AVAILABLE AND PAYABLE ON THE FIRST WORKDAY IN SEPTEMBER OF THE SURVEY YEAR AND DO NOT INCLUDE INCREASES MADE LATER THAT ARE RETROACTIVE TO THAT DATE OR BEFORE.

2/ HOURS ARE THE SAME FOR BOTH YEARS UNLESS OTHERWISE INDICATED.

3/ SHOWN IN TERMS OF CENTS PER HOUR OR AS A PERCENT OF RATE; IN ACTUAL PRACTICE, HOWEVER, SOME EMPLOYER PAYMENTS ARE CALCULATED ON THE BASIS OF TOTAL HOURS OR GROSS PAYROLL. THESE VARIATIONS IN METHOD OF COMPUTATION ARE NOT INDICATED IN THE ABOVE TABULATION.

4/ INCLUDES LIFE INSURANCE, HOSPITALIZATION AND OTHER TYPES OF HEALTH AND WELFARE BENEFITS; EXCLUDES PAYMENTS INTO HOLIDAY, VACATION, AND UNEMPLOYMENT FUNDS WHEN SUCH PROGRAMS HAVE BEEN NEGOTIATED.

- NO DATA, OR NO DATA REPORTED. WHEN REFERRING TO A RATE PER HOUR FOR A PREVIOUS YEAR, "_" INDICATES EITHER A CHANGE IN PROGRESSION, OR A NEW JOB OR UNION NOT PREVIOUSLY REPORTED.

* AGREEMENT PROVIDES FOR EMPLOYER FINANCED PLAN; AMOUNT OF EMPLOYER PAYMENT NOT AVAILABLE.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.